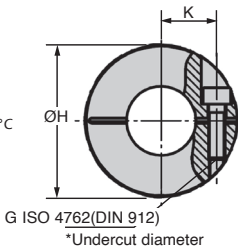


- Backlash and maintenance free
- High torsional stiffness
- Low moment of inertia
- Shaft/bore link without backlash
- Recommended assembly tolerances H7/g6
- Working temperature -30°C to +100°C
- Materials:
 - Hub: aluminium
 - Bellows: stainless steel
- Please specify bore size on order (between min and max Ø)



clamp fixing

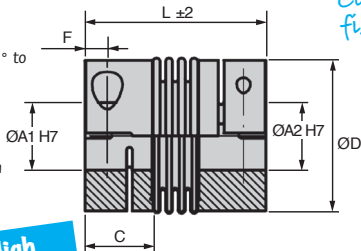
Options

- Keyway according to DIN6885 on request (tolerance JS9)
- Orientation of the keyways at 180° to each other
- Stainless steel version on request

Torque calculation

- Use the formula
- $T_{RN} > K \times T_{AS} \times J_{mach} / (J_{mot} + J_{mach})$ in Nm
- With following safety coefficient:
 - K = 1.5 for regular motion
 - K = 2 for irregular motion
 - K = 2.5 - 4 for jerky motion
- Jx = moment of inertia (machine + motor)
- T_{AS} Required torque

High Precision



DISCOUNTS

Qty	1+	3+	6+
Disc.	List	-8%	On request

Part number	Max. speed (rpm)	radial (mm)	Misalignment axial (mm)	angular	Nominal torque (Nm)	Torsional stiffness (10 ³ Nm/Rad)	Moment of inertia (10 ⁻³ kgm ²)	Tightening torque (Nm)	Weight (kg)
AKN18-63	12 700	0,2	0,5	1,5°	22	8	0,05	6	0,13
AKN30-65	10 200	0,1	0,4	1,0°	36	35	0,11	12	0,25
AKN60-78	8 600	0,1	0,4	1,0°	75	75	0,29	30	0,41
AKN80-91	6 800	0,2	0,4	1,0°	95	130	0,87	60	0,74
AKN150-91	6 800	0,2	0,4	1,0°	180	150	0,87	85	0,74

Part number	ØA mini.	ØA maxi.	L	ØD	C	F	G	K	ØH	Pric each No keyway	1 to 2 With keyway
AKN18-63	8	26	63	45	20	6	M5	18	48	194,97 €	225,75 €
AKN30-65	10	30	65	55	25	8	M6	20	55	242,24 €	273,03 €
AKN60-78	12	35	78	64	29	10	M8	24	67	273,76 €	304,54 €
AKN80-91	14	42	90	80	33	12	M10	28	84	311,18 €	341,97 €
AKN150-91	14	42	90	80	33	12	M10	28	84	371,88 €	403,03 €

Dimensions in mm

Our other products



ARTE
Flexible bush, For multi-directional loads



AKN
Bellows coupling Gerwah®, from 22 to 180Nm



GSI_A
Gas control screw for gas spring, Gas control screw



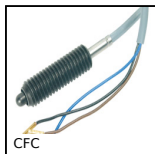
PTKfss
Cap nut for foot for the food industry, Stainless steel blind nut - ...



BOXdhx
Boxed set of threaded dowel pins DIN979D, Boxed set - extractable D...



RPCplss
Fixed castor with plate, Stainless steel - Polyamide



CFC
Spring loaded position switch, Electric contact



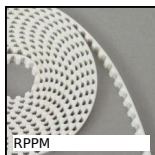
PTRSS
Idler chain sprocket, For hostile environments



T5M_T10M
T type timing belt per metre, T10 Steel cored polyurethane



UTKswcr
Utilitrak® 3 wheels carriage, Steel roller carriage



RPPM
RPP type belt per metre, RPP5 Steel cored polyurethane



M0
Worm and wheel set, Machined plastic (delrin)

Complementary products